



THE CITY OF SAN DIEGO

MEMORANDUM

DATE: December 23, 2010

TO: Kelly Broughton, Development Services Department Director

FROM: Kris McFadden, Storm Water Department Interim Director

SUBJECT: Emergency Authorization to Maintain Storm Water Drainage Facilities at Mission Gorge Road/Mission Gorge Place (Maps 59 and 60); Alvarado Court (Maps 63 and 64) Court and Mission; Sorrento/Soledad Creeks (Maps 9, 11, 12, and 13); and Chollas Creek (Maps 91 and 93)

In accordance with City Council Policy 800-04, adequate drainage facilities are required to remove storm water runoff in an efficient, economic, environmentally and aesthetically acceptable manner for the protection of property and life.

As of 3:45 PM, Wednesday December 22, 2010, the National Atmospheric and Oceanic Administration (NOAA) reported approximately 4.16 inches of rainfall at Lindberg Field in the last 72 hours. A Flash Flood Watch, Flood Warning for the San Diego River, Flood Advisory, and Hazardous Weather Outlook has also been issued for the San Diego Region. Although a break in the storm is forecasted for Thursday, December 23 and Friday, December 24, 2010; a 40% chance of rain is forecasted for Saturday, December 25, 2010 and a 60% chance of rain for Sunday, December 26, 2010.

Furthermore, although these locations previously presented emergency risks, the situation is now dangerously aggravated by the occurrence of the recent and forecasted storms. Whereas past flooding of these areas occurred during El Nino (wet winter) years, a La Nina (dry winter) had been forecasted this rainy season, and the Storm Water Department (SWD) did not anticipate the amount and intensity of rainfall received during this storm which caused sudden and unexpected major flooding though-out the City. Specifically, channel breaches in Alvarado Creek, Lower Chollas Creek and Sorrento/Carroll Canyon (Soledad) Creeks resulted in flooding and emergency calls to the San Diego Police and Fire, Life and Safety Departments to help assist in road closures, evacuations, and assessing property damage, including persons and vehicles trapped in water. The San Diego region received over 50% of the annual rain totals in many areas from this storm alone.

Immediate action must be taken to mitigate the loss of and prevent further damage to private property. Emergency maintenance of these facilities is necessary to increase the carrying capacity within the channels and reduce the flooding risks associated with the imminent threat to

Kelly Broughton, Development Services Department Director
Wednesday, December 23, 2010

life and property. The SWD formally requests your expedited review of the following information to authorize emergency maintenance work within the following storm water facilities:

- 1) Alvarado Creek
 - a. Upper (The medical offices and San Diego State University facilities on Alvarado Court), *Maps 63-64*
 - b. Lower (Mission Gorge Place between Mission Gorge Road and Waring Road), *Maps 59-60*
- 2) Lower Chollas Creek (South Gregory Street between National Avenue and Ocean View Boulevard), *Maps 91 and 93*
- 3) Sorrento Creek/Carroll Canyon (Soledad) Creek (Roselle Street, between Flinkote Avenue and Sorrento Valley Road), *Maps 9, 11, 12, and 13*

An Emergency Exemption pursuant to the California Environmental Quality Act Section §15269, Land Development Code §143.0126 Emergency Authorization to Impact Environmentally Sensitive Lands and §126.0718 Procedures for Emergency Coastal Development Permits are needed to repair and maintain facilities that have been damaged by the torrential rains received the last three days. Specific actions to prevent or mitigate an emergency are exempt from CEQA. (§21080, subd. (b)(4).) 'Emergency' means a sudden, unexpected occurrence, involving a clear and imminent danger, demanding immediate action to prevent or mitigate loss of, or damage to, life, health, property, or essential public services. 'Emergency' includes such occurrences as fire, flood, earthquake, or other soil or geologic movements, as well as such occurrences as riot, accident, or sabotage." (§21060.3.) Flooding is therefore explicitly listed as a basis for an emergency exemption under CEQA if the flooding demands immediate action to prevent or mitigate loss of or damage to life, health, property, or essential public services. Action at the locations described in this memorandum is immediately necessary for the protection of life and property. The protection of life and property is in itself an essential public service that will be lost or greatly damaged without action.

Attachments 2, 3, and 4 document the damage to property and safety which have occurred and which can be expected to continue to occur due to the occurrence of these storm events. Also attached are photographs documenting the emergency conditions.

Work proposed in each location will include (1) no more than the minimum necessary to maintain safety and/or protect property, (2) documentation of existing environmental conditions, and (3) mitigation that would otherwise be required in the absence of the emergency. Impacts to vegetation through this maintenance work are typically considered temporary by the expert scientific community. The re-establishment of vegetation communities within the channels is anticipated within a few months after maintenance occurs. Appropriate biological, historical resource (cultural) and water quality monitoring and maintenance reporting will be implemented as set forth in the protocols and permit conditions. The SWD is committed to apply for SDPs and CDPs (as appropriate) for each facility within 90 days of this authorization.

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Future maintenance efforts for these storm water drainage facilities (flood control channels) will be covered by the Master Storm Water System Maintenance Program (MSWSMP) currently moving through a formal adoption process. The Department is confident that adoption of the MSWSMP will effectively preclude the need for future emergency processes like this request.

Should you have any questions or comments, please contact Anne B. Jarque, Senior Planner, at (619) 527-3131 (phone)/ajarque@sandiego.gov (e-mail).

Thank you for your time and cooperation in this matter.



Kris McFadden


Attachments:

- 1) NOAA Weather Forecasts and Flood Advisories
- 2) Upper and Lower Alvarado Creek (Maps 59, 60, 63 and 64)
 - Scope of Work
 - Maps and Figures
 - Photo-Survey
 - Individual Maintenance Plans
 - Individual Hydrological and Hydraulic Assessments
 - Individual Biological Assessments
 - Individual Historic Assessments
- 3) Lower Chollas Creek (Maps 91 and 93)
 - Scope of Work
 - Maps and Figures
 - Photo-Survey
 - Individual Maintenance Plans
 - Individual Hydrological and Hydraulic Assessments
 - Individual Biological Assessments
 - Individual Historic Assessments
- 4) Sorrento/Carroll Canyon (Soledad) Creeks (Maps 9, 11, 12, and 13)
 - Scope of Work
 - Maps and Figures
 - Photo-Survey
 - Individual Maintenance Plans
 - Individual Hydrological and Hydraulic Assessments
 - Individual Biological Assessment
 - Individual Historic Assessment

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cc: Mary Jo Lanzafame, Assistant City Attorney, Office of the City Attorney
Fritz Ortlieb, Deputy City Attorney, Office of the City Attorney
Nina Fain, Deputy City Attorney, Office of the City Attorney
Gus Brown, Deputy Director, Storm Water Department
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Aaron Snelling, Public Works Supervisor, Storm Water Department
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Cecilia Gallardo, Assistant Deputy Director, Development Services Department
Myra Herrmann, Senior Planner, Development Services Department
Jeff Szymanski, Associate Planner, Development Services Department
Gary Geiler, Senior Planner, Development Services Department
Steve Neudecker, Helix Environmental Planning, Inc.
Bruce McIntyre, Helix Environmental Planning, Inc.





Your National Weather Service

San Diego-Downtown CA

Enter Your "City, ST" or zip code




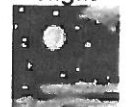

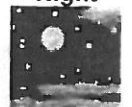





BOOKMARK   ...

NWS San Diego, CA
Point Forecast: San Diego-Downtown CA [Similar City Names]
 32.72°N 117.15°W (Elev. 118 ft)

Mobile Weather Information | En Español
 Last Update: 1:03 pm PST Dec 22, 2010
 Forecast Valid: 4pm PST Dec 22, 2010-6pm PST Dec 29, 2010

Forecast at a Glance

Late Afternoon	Tonight	Thursday	Thursday Night	Friday	Friday Night	Christmas Day	Saturday Night	Sunday
								
60% Showers Likely Hi 59 °F	60% Showers Likely Lo 53 °F	20% Slight Chc Showers Hi 60 °F	Mostly Clear Lo 49 °F	Sunny Hi 63 °F	Mostly Clear Lo 49 °F	Mostly Sunny Hi 62 °F	Chance Rain Lo 53 °F	Slight Chc Showers Hi 61 °F

Detailed 7-day Forecast

Hazardous weather condition(s):

- Flash Flood Watch
- Flood Warning
- Flood Advisory
- Hazardous Weather Outlook
- Short Term Forecast

Late Afternoon: Showers likely and possibly a thunderstorm. Mostly cloudy, with a high near 59. South wind around 10 mph. Chance of precipitation is 60%.

Tonight: Showers likely and possibly a thunderstorm before 10pm, then scattered showers. Patchy fog after 4am. Otherwise, mostly cloudy, with a low around 53. Southwest wind between 5 and 10 mph becoming calm. Chance of precipitation is 60%.

Thursday: A 20 percent chance of showers before 10am. Patchy fog before 10am. Otherwise, mostly sunny, with a high near 60. Calm wind becoming west between 5 and 10 mph.

Thursday Night: Mostly clear, with a low around 49. North wind around 5 mph becoming calm.

Friday: Sunny, with a high near 63. Calm wind becoming west between 5 and 10 mph.

Friday Night: Mostly clear, with a low around 49.

Christmas Day: Mostly sunny, with a high near 62.

Saturday Night: A chance of rain. Mostly cloudy, with a low around 53.

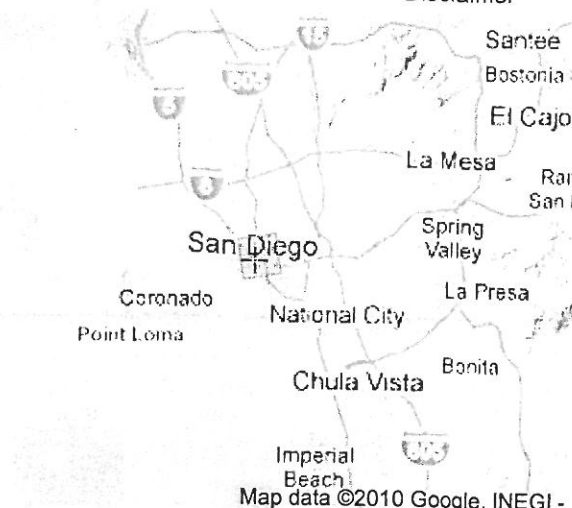
Sunday: A slight chance of showers. Partly sunny, with a high near 61.



Sunday Night: A slight chance of rain. Mostly cloudy, with a low around 50.


Detailed Point Forecast

[Move Down]

Click Map for Forecast Disclaimer



 Requested Location
  Forecast Area
 Lat/Lon: 32.72°N 117.15°W Elevation: 118 ft



XML

Current Conditions

[Move Up]

San Diego, San Diego International-Lindbergh Field

Last Update on 22 Dec 15:06 PST

<p>Lt Rain</p> <p style="font-size: 1.5em; font-weight: bold;">59°F</p>	<p>Humidity: 77 %</p> <p>Wind Speed: WSW 15 G 24 MPH</p> <p>Barometer: 29.87 in (N/A mb)</p> <p>Dewpoint: 52°F (11°C)</p>
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Monday: A slight chance of showers. Partly sunny, with a high near 60.

Monday Night: Partly cloudy, with a low around 48.

Tuesday: Mostly sunny, with a high near 62.

Tuesday Night: Partly cloudy, with a low around 48.

Wednesday: Mostly sunny, with a high near 62.

(15°C)

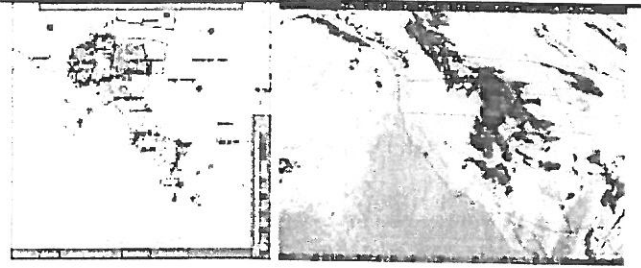
Visibility:

10.00 Miles

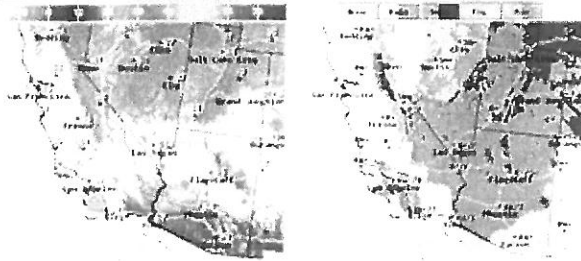
More Local Wx:

3 Day History:

Radar and Satellite



National Digital Forecast



Additional Forecasts

Zone Area Forecast for San Diego County Coastal Areas, CA

Forecast Discussion

Printable Forecast

Text Only Forecast

Hourly Weather Graph

Tabular Forecast

Quick Forecast

International System of Units

About Point Forecasts

Observations Map-San Diego

Observations Map-Los Angeles

Rainfall

Visible Satellite Image (daytime)

Local Climate Data

Product Quick Select

How to use this page

Forecast Weather Table Interface

Webmaster
National Weather Service
San Diego, CA

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National Weather Service
Watches, Warnings & Advisories

6 products issued by NWS for: San Diego-Downtown CA

Flood Advisory

FLOOD ADVISORY
NATIONAL WEATHER SERVICE SAN DIEGO CA
1246 PM PST WED DEC 22 2010

CAZ042-043-048-050-055>058-060>062-230245-
/O.NEW.KSGX.FA.Y.0041.101222T2046Z-101223T0245Z/
/00000.N.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/
SAN DIEGO CA-SAN BERNARDINO CA-RIVERSIDE CA-ORANGE CA-
1246 PM PST WED DEC 22 2010

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED AN

* URBAN AND SMALL STREAM FLOOD ADVISORY FOR MINOR FLOODING OF POOR DRAINAGE AREAS IN...
SOUTHWESTERN SAN BERNARDINO COUNTY IN SOUTHEAST CALIFORNIA...
THIS INCLUDES THE CITIES OF...YUCAIPA...WRIGHTWOOD...VICTORVILLE...
SAN BERNARDINO...RIALTO...REDLANDS...ONTARIO...HESPERIA...
FONTANA...CHINO...APPLE VALLEY...
ORANGE COUNTY IN SOUTHWEST CALIFORNIA...
THIS INCLUDES THE CITIES OF...YORBA LINDA...WESTMINSTER...TUSTIN
FOOTHILLS...TUSTIN...STANTON...SEAL BEACH...SANTA ANA...SAN
CLEMENTE...MISSION VIEJO...LAGUNA BEACH...IRVINE...HUNTINGTON
BEACH...FULLERTON...COSTA MESA...ANAHEIM...
RIVERSIDE COUNTY IN SOUTHWEST CALIFORNIA...
THIS INCLUDES THE CITIES OF...TEMECULA...RIVERSIDE...PALM
SPRINGS...MORENO VALLEY...INDIO...HEMET...CORONA...
SAN DIEGO COUNTY IN SOUTHWEST CALIFORNIA...
THIS INCLUDES THE CITIES OF...VISTA...SAN DIEGO...RAMONA...POWAY...
OCEANSIDE...NATIONAL CITY...LEMON GROVE...LA MESA...IMPERIAL
BEACH...FALLBROOK...ESCONDIDO...ENCINITAS...EL CAJON...DEL MAR...
CORONADO...CHULA VISTA...CARLSBAD...BORREGO SPRINGS...

* UNTIL 645 PM PST

* AT 1245 PM PST SHOWERS WITH LOCALLY HEAVY RAIN CONTINUED AROUND THE REGION. ISOLATED THUNDERSTORMS THIS AFTERNOON COULD PRODUCE HEAVY RAINFALL RATES OF GREATER THAN ONE-HALF INCH PER 30 MINUTES...AND WITH SATURATED SOILS...MOST OF THAT RAINFALL WILL RESULT IN RAPID RUNOFF AND FLOODING.

WIDESPREAD URBAN FLOODING HAS BEEN REPORTED THROUGHOUT ORANGE COUNTY AND THE INLAND EMPIRE...AS WELL AS MUCH OF SAN DIEGO COUNTY.

IN SAN DIEGO COUNTY...FLOODING NEAR THE SAN DIEGO RIVER HAS CLOSED NUMEROUS ROADS IN FASHION VALLEY AND FLOODING NEAR THE SANTA MARGARITA RIVER HAS CLOSED SANDIA CREEK ROAD AND DELUZ ROAD.

IN ORANGE COUNTY...EVACUATIONS HAVE BEEN ORDERED IN SILVERADO CANYON AND SEVERAL SWIFT WATER RESCUES WERE REPORTED. WILLIAMS CANYON AND SANTIAGO CANYON ROADS HAVE BEEN CLOSED BETWEEN THE 261/241 TOLL.

ROAD. EOC PUBLIC HOTLINE IS 7 1 4 6 2 8 7 0 8 5.

IN SAN BERNARDINO COUNTY...WIDESPREAD FLOODING HAS BEEN REPORTED IN APPLE VALLEY WITH DISABLED VEHICLES AND DEBRIS BLOCKING ROADS. ROCK SPRINGS ROAD IS CLOSED IN HESPERIA.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

EXCESSIVE RUNOFF FROM HEAVY RAINFALL WILL CAUSE ELEVATED LEVELS ON SMALL CREEKS AND STREAMS...AND PONDING OF WATER IN URBAN AREAS... HIGHWAYS...STREETS AND UNDERPASSES AS WELL AS OTHER POOR DRAINAGE AREAS AND LOW LYING SPOTS. EXPECT ROAD CLOSURES IF TRAVELING THIS MORNING.

DO NOT DRIVE YOUR VEHICLE INTO AREAS WHERE THE WATER COVERS THE ROADWAY. THE WATER DEPTH MAY BE TOO GREAT TO ALLOW YOUR CAR TO CROSS SAFELY. MOVE TO HIGHER GROUND.

&&

LAT...LON 3352 11605 3341 11610 3263 11611 3254 11713
3268 11725 3323 11741 3374 11811 3395 11797
3395 11779 3403 11773 3428 11764 3481 11764
3474 11644 3468 11650 3453 11642 3419 11644
3404 11661 3393 11620 3368 11594 3352 11594

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MAXWELL

Short Term Forecast

SHORT TERM FORECAST
NATIONAL WEATHER SERVICE SAN DIEGO CA
237 PM PST WED DEC 22 2010

CAZ043-050-230100-
SAN DIEGO COUNTY COASTAL AREAS-SAN DIEGO COUNTY VALLEYS-
237 PM PST WED DEC 22 2010

.NOW...
SCATTERED SHOWERS WITH LOCALLY HEAVY RAIN WILL CONTINUE TO MOVE NORTHEAST AT 20 MPH THIS AFTERNOON. ISOLATED THUNDERSTORMS WILL ALSO BE POSSIBLE WITH CLOUD-TO-GROUND LIGHTNING...SMALL HAIL AND GUSTY WINDS. THE HEAVIEST RAIN WILL BE IN THE FOOTHILLS. MANY LOW-LYING AREAS WILL CONTINUE TO EXPERIENCE FLOODING WITH NUMEROUS ROADS BLOCKED OR CLOSED.

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Flood Warning

FLOOD STATEMENT
NATIONAL WEATHER SERVICE SAN DIEGO CA
237 PM PST WED DEC 22 2010

938 AM PST WED DEC 22 2010

FOR THE SAN DIEGO RIVER, INCLUDING FASHION VALLEY, MINOR FLOODING IS OCCURING, WITH MODERATE FLOODING FORECASTED. FOR THE SANTA MARGARITA RIVER, INCLUDING YSIDORA, MODERATE FLOODING IS OCCURING. FOR THE MOJAVE RIVER, INCLUDING VICTORVILLE, MODERATE FLOODING IS FORECAST.

CAC073-230638-

/O.CON.KSGX.FL.W.0007.000000T0000Z-101223T1440Z/

/YDRC1.2.ER.101222T1739Z.101222T1800Z.101223T0240Z.NO/

938 AM PST WED DEC 22 2010

FOR THE SANTA MARGARITA RIVER AT YSIDORA, THE GAGE IS NOT FUNCTIONING SO A CURRENT RIVER LEVEL IS NOT AVAILABLE. MODERATE FLOODING IS OCCURING, WITH A MAXIMUM STAGE OF 13.2 FEET EXPECTED AT 10 AM, WHICH IS 2.1 FEET ABOVE FLOOD STAGE. THE STAGE WILL FALL BELOW FLOOD STAGE AT 7 PM THIS EVENING. AT 13.5 FEET, VANDEGRIFT ROAD IS FLOODED FOR APPROXIMATELY 6 MILES DOWNSTREAM OF THE GAGE SITE. STUART MESA BRIDGE HAS BEEN OVERTOPPED, THIS CREST COMPARES TO A PREVIOUS CREST OF 12.4 FEET ON FEB 23 1998. LOW WATER CROSSINGS ON SANDIA CREEK ROAD AND DELUZ ROAD ARE FLOODED AND IMPASSIBLE THIS MORNING.

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Flood Warning

FLOOD STATEMENT

NATIONAL WEATHER SERVICE SAN DIEGO CA

938 AM PST WED DEC 22 2010

FOR THE SAN DIEGO RIVER, INCLUDING FASHION VALLEY, MINOR FLOODING IS OCCURING, WITH MODERATE FLOODING FORECASTED. FOR THE SANTA MARGARITA RIVER, INCLUDING YSIDORA, MODERATE FLOODING IS OCCURING. FOR THE MOJAVE RIVER, INCLUDING VICTORVILLE, MODERATE FLOODING IS FORECAST.

CAC073-230638-

/O.CON.KSGX.FL.W.0006.000000T0000Z-101223T1900Z/

/FSNC1.2.ER.101221T2154Z.101222T1800Z.101223T0700Z.NO/

938 AM PST WED DEC 22 2010

FOR THE SAN DIEGO RIVER AT FASHION VALLEY, MODERATE FLOODING IS OCCURING, WITH A STAGE OF 13.3 FEET MEASURED AT 9 AM WEDNESDAY. MODERATE FLOODING WILL CONTINUE, WITH A MAXIMUM STAGE OF 13.9 FEET AT 10 AM TODAY, WHICH IS 2.6 FEET ABOVE FLOOD STAGE. THE STAGE EXCEEDED THE FLOOD STAGE OF 11.3 FEET AT 04 AM WEDNESDAY. THE STAGE WILL FALL BELOW FLOOD STAGE AT 11 PM WEDNESDAY. THIS CREST COMPARES TO A PREVIOUS CREST OF 12.8 FEET ON FEB 8 1998.

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Hazardous Weather Outlook

HAZARDOUS WEATHER OUTLOOK

NATIONAL WEATHER SERVICE SAN DIEGO CA

545 AM PST WED DEC 22 2010

CAZ042-043-048-050-055>058-060>062-230200-

ORANGE COUNTY COASTAL AREAS-

SAN DIEGO COUNTY COASTAL AREAS-

SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-

SAN DIEGO COUNTY VALLEYS-

SAN BERNARDINO COUNTY MOUNTAINS-

RIVERSIDE COUNTY MOUNTAINS-
SANTA ANA MOUNTAINS AND FOOTHILLS-
SAN DIEGO COUNTY MOUNTAINS-
APPLE AND LUCERNE VALLEYS-
COACHELLA VALLEY-
SAN DIEGO COUNTY DESERTS-
545 AM PST WED DEC 22 2010

THIS HAZARDOUS WEATHER OUTLOOK IS FOR ALL OF EXTREME SOUTHWESTERN CALIFORNIA.

.DAY ONE...TODAY THROUGH TONIGHT

FLASH FLOOD WATCH THROUGH THIS AFTERNOON. SEE LAXFFASGX. WINTER STORM WARNING FOR THE MOUNTAINS ABOVE 6500 FEET THROUGH THIS AFTERNOON. SEE LAXWSWSGX. LOCALLY STRONG GUSTY WINDS THROUGH EARLY AFTERNOON...MAINLY IN COASTAL AREAS...SEE LAXNPWSGX.

SCATTERED THUNDERSTORMS WITH SMALL HAIL...WATERSPOUTS...AND ISOLATED TORNADOES ARE POSSIBLE TODAY.

.DAYS TWO THROUGH SEVEN...THURSDAY THROUGH TUESDAY

NO HAZARDOUS WEATHER IS EXPECTED.

.SPOTTER INFORMATION STATEMENT...

SKYWARN ACTIVATION IS NEEDED THROUGH THIS AFTERNOON.

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MARTIN

Flash Flood Watch

FLOOD WATCH
NATIONAL WEATHER SERVICE SAN DIEGO CA
337 AM PST WED DEC 22 2010

CAZ042-043-048-050-055>058-060>062-222200-
/O.EXT.KSGX.FF.A.0007.000000T0000Z-101223T0200Z/
/00000.0.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/
ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS-
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
SAN DIEGO COUNTY VALLEYS-SAN BERNARDINO COUNTY MOUNTAINS-
RIVERSIDE COUNTY MOUNTAINS-SANTA ANA MOUNTAINS AND FOOTHILLS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
337 AM PST WED DEC 22 2010

...FLASH FLOOD WATCH NOW IN EFFECT THROUGH THIS AFTERNOON...

THE FLASH FLOOD WATCH IS NOW IN EFFECT FOR

* A PORTION OF SOUTHWEST CALIFORNIA...INCLUDING THE FOLLOWING AREAS...APPLE AND LUCERNE VALLEYS...COACHELLA VALLEY...ORANGE COUNTY COASTAL AREAS...RIVERSIDE COUNTY MOUNTAINS...SAN BERNARDINO COUNTY MOUNTAINS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SAN DIEGO COUNTY COASTAL AREAS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS...SAN DIEGO COUNTY VALLEYS AND SANTA ANA MOUNTAINS AND FOOTHILLS.

* THROUGH THIS AFTERNOON

* WIDESPREAD MODERATE TO LOCALLY HEAVY RAINFALL WILL CONTINUE THROUGH AROUND DAYBREAK. SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS WILL FOLLOW THROUGH THIS AFTERNOON WITH LOCAL HIGH INTENSITY RAINFALL POSSIBLE.

* AMOUNTS WILL BE MOST WIDESPREAD THROUGH AROUND DAY BREAK WITH SIGNIFICANT OROGRAPHIC ENHANCEMENT ON SOUTH FACING SLOPES IN THE SAN BERNARDINO COUNTY MOUNTAINS AND SOUTHWEST FACING SLOPES OF THE SANTA ANA MOUNTAINS.

* FOR MID MORNING THROUGH THIS AFTERNOON...AMOUNTS WILL BE LESS WIDESPREAD FROM SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS...BUT HIGH INTENSITY RAINFALL FROM BANDS OF SHOWERS...STRONGER SHOWERS...AND ISOLATED THUNDERSTORMS COULD CAUSE RAPID RUNOFF AND FLOODING OF LOW LYING AREAS ALREADY SATURATED BY RECENT HEAVY RAINFALL.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

IN AREAS WHICH HAVE SEEN FIRES IN RECENT YEARS...DEBRIS FLOWS WILL BE A THREAT DURING HEAVY RAINS. THIS INCLUDES THE POOMACHA AND SHEEP BURN AREAS.

A FLASH FLOOD WATCH MEANS THAT CONDITIONS MAY DEVELOP THAT LEAD TO FLASH FLOODING. FLASH FLOODING IS A VERY DANGEROUS SITUATION.

YOU SHOULD MONITOR LATER FORECASTS AND BE PREPARED TO TAKE ACTION SHOULD FLASH FLOOD WARNINGS BE ISSUED.

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MARTIN

National Weather Service

Watches, Warnings & Advisories

6 products issued by NWS for: San Diego-Downtown CA

Flash Flood Watch

FLOOD WATCH

NATIONAL WEATHER SERVICE SAN DIEGO CA
337 AM PST WED DEC 22 2010

CAZ042-043-048-050-055>058-060>062-222200-
/O.EXT.KSGX.FF.A.0007.000000T0000Z-101223T0200Z/
/00000.0.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/
ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS-
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
SAN DIEGO COUNTY VALLEYS-SAN BERNARDINO COUNTY MOUNTAINS-
RIVERSIDE COUNTY MOUNTAINS-SANTA ANA MOUNTAINS AND FOOTHILLS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
337 AM PST WED DEC 22 2010

...FLASH FLOOD WATCH NOW IN EFFECT THROUGH THIS AFTERNOON...

THE FLASH FLOOD WATCH IS NOW IN EFFECT FOR

- * A PORTION OF SOUTHWEST CALIFORNIA...INCLUDING THE FOLLOWING AREAS...APPLE AND LUCERNE VALLEYS...COACHELLA VALLEY...ORANGE COUNTY COASTAL AREAS...RIVERSIDE COUNTY MOUNTAINS...SAN BERNARDINO COUNTY MOUNTAINS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SAN DIEGO COUNTY COASTAL AREAS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS...SAN DIEGO COUNTY VALLEYS AND SANTA ANA MOUNTAINS AND FOOTHILLS.
- * THROUGH THIS AFTERNOON
- * WIDESPREAD MODERATE TO LOCALLY HEAVY RAINFALL WILL CONTINUE THROUGH AROUND DAYBREAK. SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS WILL FOLLOW THROUGH THIS AFTERNOON WITH LOCAL HIGH INTENSITY RAINFALL POSSIBLE.
- * AMOUNTS WILL BE MOST WIDESPREAD THROUGH AROUND DAY BREAK WITH SIGNIFICANT OROGRAPHIC ENHANCEMENT ON SOUTH FACING SLOPES IN THE SAN BERNARDINO COUNTY MOUNTAINS AND SOUTHWEST FACING SLOPES OF THE SANTA ANA MOUNTAINS.
- * FOR MID MORNING THROUGH THIS AFTERNOON...AMOUNTS WILL BE LESS WIDESPREAD FROM SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS...BUT HIGH INTENSITY RAINFALL FROM BANDS OF SHOWERS...STRONGER SHOWERS...AND ISOLATED THUNDERSTORMS COULD CAUSE RAPID RUNOFF AND FLOODING OF LOW LYING AREAS ALREADY SATURATED BY RECENT HEAVY RAINFALL.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

IN AREAS WHICH HAVE SEEN FIRES IN RECENT YEARS...DEBRIS FLOWS

WILL BE A THREAT DURING HEAVY RAINS. THIS INCLUDES THE POOMACHA
AND SHEEP BURN AREAS.

A FLASH FLOOD WATCH MEANS THAT CONDITIONS MAY DEVELOP THAT LEAD
TO FLASH FLOODING. FLASH FLOODING IS A VERY DANGEROUS SITUATION.

YOU SHOULD MONITOR LATER FORECASTS AND BE PREPARED TO TAKE ACTION
SHOULD FLASH FLOOD WARNINGS BE ISSUED.

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MARTIN

Short Term Forecast

SHORT TERM FORECAST
NATIONAL WEATHER SERVICE SAN DIEGO CA
237 PM PST WED DEC 22 2010

CAZ043-050-230100-
SAN DIEGO COUNTY COASTAL AREAS-SAN DIEGO COUNTY VALLEYS-
237 PM PST WED DEC 22 2010

.NOW...
SCATTERED SHOWERS WITH LOCALLY HEAVY RAIN WILL CONTINUE TO MOVE
NORTHEAST AT 20 MPH THIS AFTERNOON. ISOLATED THUNDERSTORMS WILL ALSO
BE POSSIBLE WITH CLOUD-TO-GROUND LIGHTNING...SMALL HAIL AND GUSTY
WINDS. THE HEAVIEST RAIN WILL BE IN THE FOOTHILLS. MANY LOW-LYING
AREAS WILL CONTINUE TO EXPERIENCE FLOODING WITH NUMEROUS ROADS
BLOCKED OR CLOSED.

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Flood Advisory

FLOOD ADVISORY
NATIONAL WEATHER SERVICE SAN DIEGO CA
1246 PM PST WED DEC 22 2010

CAZ042-043-048-050-055>058-060>062-230245-
/O.NEW.KSGX.FA.Y.0041.101222T2046Z-101223T0245Z/
/00000.N.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/
SAN DIEGO CA-SAN BERNARDINO CA-RIVERSIDE CA-ORANGE CA-
1246 PM PST WED DEC 22 2010

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED AN

* URBAN AND SMALL STREAM FLOOD ADVISORY FOR MINOR FLOODING OF POOR
DRAINAGE AREAS IN...
SOUTHWESTERN SAN BERNARDINO COUNTY IN SOUTHEAST CALIFORNIA...
THIS INCLUDES THE CITIES OF...YUCAIPA...WRIGHTWOOD...VICTORVILLE...
SAN BERNARDINO...RIALTO...REDLANDS...ONTARIO...HESPERIA...
FONTANA...CHINO...APPLE VALLEY...

ORANGE COUNTY IN SOUTHWEST CALIFORNIA...
THIS INCLUDES THE CITIES OF...YORBA LINDA...WESTMINSTER...TUSTIN
FOOTHILLS...TUSTIN...STANTON...SEAL BEACH...SANTA ANA...SAN
CLEMENTE...MISSION VIEJO...LAGUNA BEACH...IRVINE...HUNTINGTON
BEACH...FULLERTON...COSTA MESA...ANAHEIM...
RIVERSIDE COUNTY IN SOUTHWEST CALIFORNIA...
THIS INCLUDES THE CITIES OF...TEMECULA...RIVERSIDE...PALM
SPRINGS...MORENO VALLEY...INDIO...HEMET...CORONA...
SAN DIEGO COUNTY IN SOUTHWEST CALIFORNIA...
THIS INCLUDES THE CITIES OF...VISTA...SAN DIEGO...RAMONA...POWAY...
OCEANSIDE...NATIONAL CITY...LEMON GROVE...LA MESA...IMPERIAL
BEACH...FALLBROOK...ESCONDIDO...ENCINITAS...EL CAJON...DEL MAR...
CORONADO...CHULA VISTA...CARLSBAD...BORREGO SPRINGS...

* UNTIL 645 PM PST

* AT 1245 PM PST SHOWERS WITH LOCALLY HEAVY RAIN CONTINUED AROUND
THE REGION. ISOLATED THUNDERSTORMS THIS AFTERNOON COULD PRODUCE
HEAVY RAINFALL RATES OF GREATER THAN ONE-HALF INCH PER 30
MINUTES...AND WITH SATURATED SOILS...MOST OF THAT RAINFALL WILL
RESULT IN RAPID RUNOFF AND FLOODING.

WIDESPREAD URBAN FLOODING HAS BEEN REPORTED THROUGHOUT ORANGE COUNTY
AND THE INLAND EMPIRE...AS WELL AS MUCH OF SAN DIEGO COUNTY.

IN SAN DIEGO COUNTY...FLOODING NEAR THE SAN DIEGO RIVER HAS CLOSED
NUMEROUS ROADS IN FASHION VALLEY AND FLOODING NEAR THE SANTA
MARGARITA RIVER HAS CLOSED SANDIA CREEK ROAD AND DELUZ ROAD.

IN ORANGE COUNTY...EVACUATIONS HAVE BEEN ORDERED IN SILVERADO CANYON
AND SEVERAL SWIFT WATER RESCUES WERE REPORTED. WILLIAMS CANYON AND
SANTIAGO CANYON ROADS HAVE BEEN CLOSED BETWEEN THE 261/241 TOLL
ROAD. EOC PUBLIC HOTLINE IS 7 1 4 6 2 8 7 0 8 5.

IN SAN BERNARDINO COUNTY...WIDESPREAD FLOODING HAS BEEN REPORTED IN
APPLE VALLEY WITH DISABLED VEHICLES AND DEBRIS BLOCKING ROADS. ROCK
SPRINGS ROAD IS CLOSED IN HESPERIA.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

EXCESSIVE RUNOFF FROM HEAVY RAINFALL WILL CAUSE ELEVATED LEVELS ON
SMALL CREEKS AND STREAMS...AND PONDING OF WATER IN URBAN AREAS...
HIGHWAYS...STREETS AND UNDERPASSES AS WELL AS OTHER POOR DRAINAGE
AREAS AND LOW LYING SPOTS. EXPECT ROAD CLOSURES IF TRAVELING THIS
MORNING.

DO NOT DRIVE YOUR VEHICLE INTO AREAS WHERE THE WATER COVERS THE
ROADWAY. THE WATER DEPTH MAY BE TOO GREAT TO ALLOW YOUR CAR TO CROSS
SAFELY. MOVE TO HIGHER GROUND.

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LAT...LON 3352 11605 3341 11610 3263 11611 3254 11713
3268 11725 3323 11741 3374 11811 3395 11797
3395 11779 3403 11773 3428 11764 3481 11764
3474 11644 3468 11650 3453 11642 3419 11644
3404 11661 3393 11620 3368 11594 3352 11594

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MAXWELL

Flood Warning

FLOOD STATEMENT

NATIONAL WEATHER SERVICE SAN DIEGO CA
938 AM PST WED DEC 22 2010

FOR THE SAN DIEGO RIVER, INCLUDING FASHION VALLEY, MINOR FLOODING IS OCCURING, WITH MODERATE FLOODING FORECASTED. FOR THE SANTA MARGARITA RIVER, INCLUDING YSIDORA, MODERATE FLOODING IS OCCURING. FOR THE MOJAVE RIVER, INCLUDING VICTORVILLE, MODERATE FLOODING IS FORECAST.

CAC073-230638-
/O.CON.KSGX.FL.W.0007.000000T0000Z-101223T1440Z/
/YDRC1.2.ER.101222T1739Z.101222T1800Z.101223T0240Z.NO/
938 AM PST WED DEC 22 2010

FOR THE SANTA MARGARITA RIVER AT YSIDORA, THE GAGE IS NOT FUNCTIONING SO A CURRENT RIVER LEVEL IS NOT AVAILABLE. MODERATE FLOODING IS OCCURING, WITH A MAXIMUM STAGE OF 13.2 FEET EXPECTED AT 10 AM, WHICH IS 2.1 FEET ABOVE FLOOD STAGE. THE STAGE WILL FALL BELOW FLOOD STAGE AT 7 PM THIS EVENING. AT 13.5 FEET, VANDEGRIFT ROAD IS FLOODED FOR APPROXIMATELY 6 MILES DOWNSTREAM OF THE GAGE SITE. STUART MESA BRIDGE HAS BEEN OVERTOPPED, THIS CREST COMPARES TO A PREVIOUS CREST OF 12.4 FEET ON FEB 23 1998. LOW WATER CROSSINGS ON SANDIA CREEK ROAD AND DELUZ ROAD ARE FLOODED AND IMPASSIBLE THIS MORNING.

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Flood Warning

FLOOD STATEMENT

NATIONAL WEATHER SERVICE SAN DIEGO CA
938 AM PST WED DEC 22 2010

FOR THE SAN DIEGO RIVER, INCLUDING FASHION VALLEY, MINOR FLOODING IS OCCURING, WITH MODERATE FLOODING FORECASTED. FOR THE SANTA MARGARITA RIVER, INCLUDING YSIDORA, MODERATE FLOODING IS OCCURING. FOR THE MOJAVE RIVER, INCLUDING VICTORVILLE, MODERATE FLOODING IS FORECAST.

CAC073-230638-
/O.CON.KSGX.FL.W.0006.000000T0000Z-101223T1900Z/
/FSNC1.2.ER.101221T2154Z.101222T1800Z.101223T0700Z.NO/
938 AM PST WED DEC 22 2010

FOR THE SAN DIEGO RIVER AT FASHION VALLEY, MODERATE FLOODING IS OCCURING, WITH A STAGE OF 13.3 FEET MEASURED AT 9 AM WEDNESDAY. MODERATE FLOODING WILL CONTINUE, WITH A MAXIMUM STAGE OF 13.9 FEET AT 10 AM TODAY, WHICH IS 2.6 FEET ABOVE FLOOD STAGE. THE STAGE EXCEEDED THE FLOOD STAGE OF 11.3 FEET AT 04 AM WEDNESDAY. THE STAGE WILL FALL BELOW FLOOD STAGE AT 11 PM WEDNESDAY. THIS CREST COMPARES TO A PREVIOUS CREST OF 12.8 FEET ON FEB 8 1998.

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Hazardous Weather Outlook

HAZARDOUS WEATHER OUTLOOK

NATIONAL WEATHER SERVICE SAN DIEGO CA
545 AM PST WED DEC 22 2010

CAZ042-043-048-050-055>058-060>062-230200-
ORANGE COUNTY COASTAL AREAS-
SAN DIEGO COUNTY COASTAL AREAS-
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
SAN DIEGO COUNTY VALLEYS-
SAN BERNARDINO COUNTY MOUNTAINS-
RIVERSIDE COUNTY MOUNTAINS-
SANTA ANA MOUNTAINS AND FOOTHILLS-
SAN DIEGO COUNTY MOUNTAINS-
APPLE AND LUCERNE VALLEYS-
COACHELLA VALLEY-
SAN DIEGO COUNTY DESERTS-
545 AM PST WED DEC 22 2010

THIS HAZARDOUS WEATHER OUTLOOK IS FOR ALL OF EXTREME SOUTHWESTERN CALIFORNIA.

.DAY ONE...TODAY THROUGH TONIGHT

FLASH FLOOD WATCH THROUGH THIS AFTERNOON. SEE LAXFFASGX. WINTER STORM WARNING FOR THE MOUNTAINS ABOVE 6500 FEET THROUGH THIS AFTERNOON. SEE LAXWSWSGX. LOCALLY STRONG GUSTY WINDS THROUGH EARLY AFTERNOON...MAINLY IN COASTAL AREAS...SEE LAXNPWSGX.

SCATTERED THUNDERSTORMS WITH SMALL HAIL...WATERSPOUTS...AND ISOLATED TORNADOES ARE POSSIBLE TODAY.

.DAYS TWO THROUGH SEVEN...THURSDAY THROUGH TUESDAY

NO HAZARDOUS WEATHER IS EXPECTED.

.SPOTTER INFORMATION STATEMENT...

SKYWARN ACTIVATION IS NEEDED THROUGH THIS AFTERNOON.

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MARTIN

National Weather Service

Watches, Warnings & Advisories

7 products issued by NWS for: San Diego-Downtown CA

Hazardous Weather Outlook

HAZARDOUS WEATHER OUTLOOK
NATIONAL WEATHER SERVICE SAN DIEGO CA
545 AM PST WED DEC 22 2010

CAZ042-043-048-050-055>058-060>062-230200-
ORANGE COUNTY COASTAL AREAS-
SAN DIEGO COUNTY COASTAL AREAS-
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
SAN DIEGO COUNTY VALLEYS-
SAN BERNARDINO COUNTY MOUNTAINS-
RIVERSIDE COUNTY MOUNTAINS-
SANTA ANA MOUNTAINS AND FOOTHILLS-
SAN DIEGO COUNTY MOUNTAINS-
APPLE AND LUCERNE VALLEYS-
COACHELLA VALLEY-
SAN DIEGO COUNTY DESERTS-
545 AM PST WED DEC 22 2010

THIS HAZARDOUS WEATHER OUTLOOK IS FOR ALL OF EXTREME SOUTHWESTERN CALIFORNIA.

.DAY ONE...TODAY THROUGH TONIGHT

FLASH FLOOD WATCH THROUGH THIS AFTERNOON. SEE LAXFFASGX. WINTER STORM WARNING FOR THE MOUNTAINS ABOVE 6500 FEET THROUGH THIS AFTERNOON. SEE LAXWSWSGX. LOCALLY STRONG GUSTY WINDS THROUGH EARLY AFTERNOON...MAINLY IN COASTAL AREAS...SEE LAXNPWSGX.

SCATTERED THUNDERSTORMS WITH SMALL HAIL...WATERSPOUTS...AND ISOLATED TORNADOES ARE POSSIBLE TODAY.

.DAYS TWO THROUGH SEVEN...THURSDAY THROUGH TUESDAY

NO HAZARDOUS WEATHER IS EXPECTED.

.SPOTTER INFORMATION STATEMENT...

SKYWARN ACTIVATION IS NEEDED THROUGH THIS AFTERNOON.

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MARTIN

Flood Advisory

FLOOD ADVISORY

NATIONAL WEATHER SERVICE SAN DIEGO CA
1101 AM PST WED DEC 22 2010

CAZ042-043-048-050-055>058-060>062-222045-
/O.CON.KSGX.FA.Y.0040.000000T0000Z-101222T2045Z/
/00000.N.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/
SAN DIEGO CA-SAN BERNARDINO CA-RIVERSIDE CA-ORANGE CA-
1101 AM PST WED DEC 22 2010

...THE URBAN AND SMALL STREAM FLOOD ADVISORY REMAINS IN EFFECT UNTIL
1245 PM PST FOR ORANGE...RIVERSIDE...SOUTHWESTERN SAN BERNARDINO AND
SAN DIEGO COUNTIES...

AT 1046 AM PST RAINFALL RATES WERE CONTINUING TO DECREASE ACROSS THE
AREA EXCEPT FOR AN AREA STRETCHING FROM THE COASTAL SLOPES JUST
NORTH OF SAN BERNARDINO UP THROUGH THE HIGH DESERTS. RAINFALL RATES
WERE STILL IN EXCESS OF ONE-HALF INCH PER HOUR THERE.

WIDESPREAD URBAN FLOODING HAS BEEN REPORTED THROUGHOUT ORANGE COUNTY
AND THE INLAND EMPIRE...AS WELL AS MUCH OF SAN DIEGO COUNTY.

IN SAN DIEGO COUNTY...FLOODING NEAR THE SAN DIEGO RIVER HAS CLOSED
NUMEROUS ROADS IN FASHION VALLEY AND FLOODING NEAR THE SANTA
MARGARITA RIVER HAS CLOSED SANDIA CREEK ROAD AND DELUZ ROAD.

IN ORANGE COUNTY...EVACUATIONS HAVE BEEN ORDERED IN SILVERADO CANYON
AND SEVERAL SWIFT WATER RESCUES WERE REPORTED. WILLIAMS CANYON AND
SANTIAGO CANYON ROADS HAVE BEEN CLOSED BETWEEN THE 261/241 TOLL
ROAD. EOC PUBLIC HOTLINE IS 7 1 4 6 2 8 7 0 8 5.

IN SAN BERNARDINO COUNTY...WIDESPREAD FLOODING HAS BEEN REPORTED IN
APPLE VALLEY WITH DISABLED VEHICLES AND DEBRIS BLOCKING ROADS. ROCK
SPRINGS ROAD IS CLOSED IN HESPERIA.

A FLASH FLOOD WARNING REMAINS IN EFFECT UNTIL 1130 AM PST FOR
ORANGE...NORTHWESTERN RIVERSIDE...SOUTHWESTERN SAN BERNARDINO AND
EXTREME NORTHWESTERN SAN DIEGO COUNTIES. EXPECT THE FLOODING TO
CONTINUE FOR SEVERAL MORE HOURS.

THE RAIN WILL TURN TO SHOWERS THIS AFTERNOON AND MAY STILL BE HEAVY
IN SPOTS DUE TO POSSIBLE THUNDERSTORMS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

EXCESSIVE RUNOFF FROM HEAVY RAINFALL WILL CAUSE ELEVATED LEVELS ON
SMALL CREEKS AND STREAMS...AND PONDING OF WATER IN URBAN AREAS...
HIGHWAYS...STREETS AND UNDERPASSES AS WELL AS OTHER POOR DRAINAGE
AREAS AND LOW LYING SPOTS. EXPECT ROAD CLOSURES IF TRAVELING THIS
MORNING.

DO NOT DRIVE YOUR VEHICLE INTO AREAS WHERE THE WATER COVERS THE
ROADWAY. THE WATER DEPTH MAY BE TOO GREAT TO ALLOW YOUR CAR TO CROSS
SAFELY. MOVE TO HIGHER GROUND.

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LAT...LON 3352 11605 3341 11610 3263 11611 3254 11713
3268 11725 3323 11741 3374 11811 3395 11797

3395 11779 3403 11773 3428 11764 3481 11764
3474 11643 3468 11650 3453 11642 3419 11644
3404 11661 3393 11620 3368 11594 3352 11594

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JAD

Short Term Forecast

SHORT TERM FORECAST
NATIONAL WEATHER SERVICE SAN DIEGO CA
950 AM PST WED DEC 22 2010

CAZ042-043-048-050-057-222100-
ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS-
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
SAN DIEGO COUNTY VALLEYS-SANTA ANA MOUNTAINS AND FOOTHILLS-
950 AM PST WED DEC 22 2010

.NOW...

HEAVY RAIN WILL TAPER OFF THIS MORNING AND BECOME MORE SHOWERY.
ALTHOUGH WIDESPREAD FLOODINIG WILL CONTINUE. A FEW THUNDERSTORMS
ARE EXPECTED...WHICH CAN PRODUCE BRIEF HEAVY RAIN...HAIL...AND GUSTY
WINDS. TRAVEL WILL CONTINUE TO BE DIFFICULT WITH NUMEROUS ROADS
BLOCKED OR CLOSED.

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Flood Warning

FLOOD STATEMENT
NATIONAL WEATHER SERVICE SAN DIEGO CA
938 AM PST WED DEC 22 2010

FOR THE SAN DIEGO RIVER, INCLUDING FASHION VALLEY, MINOR FLOODING IS OCCURRING,
WITH MODERATE FLOODING FORECASTED. FOR THE SANTA MARGARITA RIVER, INCLUDING
YSIDORA, MODERATE FLOODING IS OCCURRING. FOR THE MOJAVE RIVER, INCLUDING
VICTORVILLE, MODERATE FLOODING IS FORECAST.

CAC073-230638-
/O.CON.KSGX.FL.W.0007.000000T0000Z-101223T1440Z/
/YDRC1.2.ER.101222T1739Z.101222T1800Z.101223T0240Z.NO/
938 AM PST WED DEC 22 2010

FOR THE SANTA MARGARITA RIVER AT YSIDORA, THE GAGE IS NOT FUNCTIONING SO A CURRENT
RIVER LEVEL IS NOT AVAILABLE. MODERATE FLOODING IS OCCURRING, WITH A MAXIMUM STAGE
OF 13.2 FEET EXPECTED AT 10 AM, WHICH IS 2.1 FEET ABOVE FLOOD STAGE. THE STAGE WILL
FALL BELOW FLOOD STAGE AT 7 PM THIS EVENING. AT 13.5 FEET, VANDEGRIFT ROAD IS FLOODED
FOR APPROXIMATELY 6 MILES DOWNSTREAM OF THE GAGE SITE. STUART MESA BRIDGE HAS BEEN
OVERTOPPED, THIS CREST COMPARES TO A PREVIOUS CREST OF 12.4 FEET ON FEB 23 1998. LOW
WATER CROSSINGS ON SANDIA CREEK ROAD AND DELUZ ROAD ARE FLOODED AND IMPASSIBLE THIS
MORNING.

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Flood Warning

FLOOD STATEMENT

NATIONAL WEATHER SERVICE SAN DIEGO CA
938 AM PST WED DEC 22 2010

FOR THE SAN DIEGO RIVER, INCLUDING FASHION VALLEY, MINOR FLOODING IS OCCURRING, WITH MODERATE FLOODING FORECASTED. FOR THE SANTA MARGARITA RIVER, INCLUDING YSIDORA, MODERATE FLOODING IS OCCURRING. FOR THE MOJAVE RIVER, INCLUDING VICTORVILLE, MODERATE FLOODING IS FORECAST.

CAC073-230638-

/O.CON.KSGX.FL.W.0006.000000T0000Z-101223T1900Z/
/FSNCL2.ER.101221T2154Z.101222T1800Z.101223T0700Z.NO/
938 AM PST WED DEC 22 2010

FOR THE SAN DIEGO RIVER AT FASHION VALLEY, MODERATE FLOODING IS OCCURRING, WITH A STAGE OF 13.3 FEET MEASURED AT 9 AM WEDNESDAY. MODERATE FLOODING WILL CONTINUE, WITH A MAXIMUM STAGE OF 13.9 FEET AT 10 AM TODAY, WHICH IS 2.6 FEET ABOVE FLOOD STAGE. THE STAGE EXCEEDED THE FLOOD STAGE OF 11.3 FEET AT 04 AM WEDNESDAY. THE STAGE WILL FALL BELOW FLOOD STAGE AT 11 PM WEDNESDAY. THIS CREST COMPARES TO A PREVIOUS CREST OF 12.8 FEET ON FEB 8 1998.

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Flash Flood Watch

FLOOD WATCH

NATIONAL WEATHER SERVICE SAN DIEGO CA
337 AM PST WED DEC 22 2010

CAZ042-043-048-050-055>058-060>062-222200-
/O.EXT.KSGX.FF.A.0007.000000T0000Z-101223T0200Z/
/00000.0.ER.000000T0000Z.000000T0000Z.000000T0000Z.OO/
ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS-
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
SAN DIEGO COUNTY VALLEYS-SAN BERNARDINO COUNTY MOUNTAINS-
RIVERSIDE COUNTY MOUNTAINS-SANTA ANA MOUNTAINS AND FOOTHILLS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
337 AM PST WED DEC 22 2010

...FLASH FLOOD WATCH NOW IN EFFECT THROUGH THIS AFTERNOON...

THE FLASH FLOOD WATCH IS NOW IN EFFECT FOR

* A PORTION OF SOUTHWEST CALIFORNIA...INCLUDING THE FOLLOWING
AREAS...APPLE AND LUCERNE VALLEYS...COACHELLA VALLEY...ORANGE
COUNTY COASTAL AREAS...RIVERSIDE COUNTY MOUNTAINS...SAN
BERNARDINO COUNTY MOUNTAINS...SAN BERNARDINO AND RIVERSIDE
COUNTY VALLEYS-THE INLAND EMPIRE...SAN DIEGO COUNTY COASTAL
AREAS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY
MOUNTAINS...SAN DIEGO COUNTY VALLEYS AND SANTA ANA MOUNTAINS
AND FOOTHILLS.

* THROUGH THIS AFTERNOON

* WIDESPREAD MODERATE TO LOCALLY HEAVY RAINFALL WILL CONTINUE

THROUGH AROUND DAYBREAK. SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS WILL FOLLOW THROUGH THIS AFTERNOON WITH LOCAL HIGH INTENSITY RAINFALL POSSIBLE.

- * AMOUNTS WILL BE MOST WIDESPREAD THROUGH AROUND DAY BREAK WITH SIGNIFICANT OROGRAPHIC ENHANCEMENT ON SOUTH FACING SLOPES IN THE SAN BERNARDINO COUNTY MOUNTAINS AND SOUTHWEST FACING SLOPES OF THE SANTA ANA MOUNTAINS.
- * FOR MID MORNING THROUGH THIS AFTERNOON...AMOUNTS WILL BE LESS WIDESPREAD FROM SCATTERED SHOWERS AND ISOLATED THUNDERSTORMS...BUT HIGH INTENSITY RAINFALL FROM BANDS OF SHOWERS...STRONGER SHOWERS...AND ISOLATED THUNDERSTORMS COULD CAUSE RAPID RUNOFF AND FLOODING OF LOW LYING AREAS ALREADY SATURATED BY RECENT HEAVY RAINFALL.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

IN AREAS WHICH HAVE SEEN FIRES IN RECENT YEARS...DEBRIS FLOWS WILL BE A THREAT DURING HEAVY RAINS. THIS INCLUDES THE POOMACHA AND SHEEP BURN AREAS.

A FLASH FLOOD WATCH MEANS THAT CONDITIONS MAY DEVELOP THAT LEAD TO FLASH FLOODING. FLASH FLOODING IS A VERY DANGEROUS SITUATION.

YOU SHOULD MONITOR LATER FORECASTS AND BE PREPARED TO TAKE ACTION SHOULD FLASH FLOOD WARNINGS BE ISSUED.

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MARTIN

Wind Advisory

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
327 AM PST WED DEC 22 2010

...STRONG GUSTY WINDS WEST OF THE MOUNTAINS THROUGH EARLY AFTERNOON...

.WINDS WILL INCREASE EARLY THIS MORNING AHEAD OF AN APPROACHING COLD FRONT...THEN DECREASE THIS AFTERNOON.

CAZ042-043-048-050-057-222200-
/O.CON.KSGX.WI.Y.0045.000000T0000Z-101222T2200Z/
ORANGE COUNTY COASTAL AREAS-SAN DIEGO COUNTY COASTAL AREAS-
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
SAN DIEGO COUNTY VALLEYS-SANTA ANA MOUNTAINS AND FOOTHILLS-
327 AM PST WED DEC 22 2010

...WIND ADVISORY REMAINS IN EFFECT UNTIL 2 PM PST THIS AFTERNOON...

A WIND ADVISORY REMAINS IN EFFECT UNTIL 2 PM PST THIS AFTERNOON.

- * TIMING: STRONGEST WINDS THROUGH MID MORNING...THEN DECREASING THIS AFTERNOON

THIS AFTERNOON

- * WINDS: WINDS SOUTH TO SOUTHEAST 15 TO 25 MPH WITH GUSTS TO 45 MPH...BECOMING SOUTHWEST LATER THIS MORNING AND GRADUALLY DECREASING DURING THE AFTERNOON.
- * IMPACTS: DRIVING MAY BE DIFFICULT...ESPECIALLY MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR BROKEN TREE LIMBS...DOWNED TREES AND DOWNED POWER LINES.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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MAX DAILY WIND GUST REPORTS ON THE WEB:
[HTTP://WWW.WRH.NOAA.GOV/SGX/KML/WIND.PHP?WFO=SGX](http://www.wrh.noaa.gov/sgx/kml/wind.php?wfo=sgx)

MARTIN

RRMSGX

Current Version

Previous Version: 1 2 3 4 5

MISCELLANEOUS HYDROLOGIC DATA

SRUS46 KSGX 221946
RRMSGX

RAINFALL STORM TOTAL SUMMARY...PRELIMINARY
NATIONAL WEATHER SERVICE SAN DIEGO CA
1143 AM PST WED DEC 22 2010

PRELIMINARY SEVEN DAY RAINFALL TOTALS AS OF 1126 AM WED DEC 22 2010

ORANGE COUNTY COASTAL AREAS

BREA	10.00
FULLERTON AIRPORT	5.58
ANAHEIM	8.03
SANTA ANA	5.78
HUNTINGTON BEACH	6.44
JOHN WAYNE AIRPORT	6.84
COSTA MESA	6.81
IRVINE	7.80
LAKE FOREST	10.28
LAGUNA BEACH	9.45
SAN JUAN CAPISTRANO	9.53
DANA POINT	7.62

SAN DIEGO COUNTY COASTAL AREAS

OCEANSIDE AIRPORT	6.54
VISTA	6.44
CARLSBAD AIRPORT	5.61
ENCINITAS	5.72
DEL MAR	4.21
MONTGOMERY FIELD	5.30
SAN DIEGO LINDBERGH	4.20
CHULA VISTA	4.00
NATIONAL CITY	4.59
BROWN FIELD	3.28

SAN DIEGO COUNTY VALLEYS

FALLBROOK	8.26
VALLEY CENTER	7.75
ESCONDIDO	7.66
RANCHO BERNARDO	6.24
POWAY	6.22
MT. WOODSON	9.68
RAMONA	7.43
LA MESA	6.53
SANTEE	6.41

